

Catalogue No. 6301.5



# **INDUSTRIAL ACCIDENTS** **(Series A)**

**WESTERN AUSTRALIA**

**1980-81**

**AUSTRALIAN  
BUREAU OF  
STATISTICS**

**WESTERN  
AUSTRALIAN  
OFFICE**





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(Series A)  
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1980-81**

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Statistician**

**AUSTRALIAN BUREAU OF STATISTICS  
Western Australian Office**

**INDUSTRIAL ACCIDENTS - SERIES B 1980-81**

**SPECIAL NOTE**

The Series B issue of Industrial Accident statistics relating to cases involving death or absence from work for one week or more was last produced in respect of the year 1979-80. It has now been decided to discontinue the Series B information as a separate publication because users are primarily interested in statistics of accidents involving an absence of one day or more. This data is still tabulated relative to accidents resulting in absence periods of one week or more and further





INDUSTRIAL ACCIDENTS  
(Series A)  
WESTERN AUSTRALIA  
1980-81

W.M. BARTLETT

Catalogue No. 6301.5

Deputy Commonwealth Statistician  
and Government Statistician

AUSTRALIAN BUREAU OF STATISTICS  
Western Australian Office







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MAIL INQUIRIES write to Information Services, ABS, 1-3 St George's Terrace, Perth, W.A. 6000.

The statistics contained in this publication relate to accidents resulting in absence from work for one day or more. A further release, 'Industrial Accidents (Series B) 1980-81' to be published shortly, will contain corresponding information in respect of industrial accidents resulting in absence from work for one week or more.

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## EXPLANATORY NOTES

## Special Note

Statistics shown in this publication are comparable with those published for 1979-80 but are NOT comparable with those published during the period 1973-74 to 1978-79 inclusive. An outline of the reasons for this is shown in the 1979-80 issue of this publication.

2. Statistics relating to fatal accidents are excluded from this publication. During 1980-81 thirteen fatal accidents and deaths resulting from chronic disease were reported.

3. A new system of collecting and compiling industrial accident statistics more closely aligned with principles recommended by the International Labour Organisation will operate from 1 July 1981.

## Explanatory Notes

4. The statistics contained in this publication are derived from details of claims for workers' compensation paid by insurers and self-insurers. They relate to claims reported to have been closed during the year ended 30 June 1981.

5. The figures do not represent all industrial accidents which actually occurred during the year because:

- (i) they refer to claims closed;
- (ii) in the case of non-fatal accidents, they include only those which resulted in absence from work for one day or more;
- (iii) only accidents coming within the scope of the Workers' Compensation Act are included in the statistics, which therefore exclude industrial accidents resulting in the death of, or injury to, self-employed persons and persons employed by the Commonwealth Government. (Compensation for Commonwealth Government employees is provided by the Compensation (Australian Government Employees) Act 1971);
- (iv) the statistics include only accidents occurring at the work site or in the course of the worker's normal duties and do not therefore include 'journey' cases, i.e. death of, or injury to, an employee while travelling between his place of residence and the place of employment. During the year ended 30 June 1981, 1,065 claims were reported closed in respect of 'journey' cases involving loss of work for one day or more, the total time lost being 6,671 weeks and the cost of claims, \$1,551,566.

6. The statistics relate only to accidents, and particulars of cases of industrial disease are therefore excluded.

7. For the purpose of these statistics, each claim is treated as a separate industrial accident and data are prepared from details of claims reported closed during the year under review (in this instance, the year ended 30 June 1981). In respect of reopened claims, the additional time lost and additional costs are included in the tables but, to avoid duplication, such cases have been excluded from the numbers of accidents shown.

8. The following notes on terms used should be borne in mind when considering the data shown in the tables.

**Time lost** means the total time lost (i.e. from date of injury) in respect of claims reported closed during the year. The term is therefore not necessarily restricted to time lost during the year under review, since the accident may have occurred in an earlier year.

**Cost of claims** means the total amount of payments made (principally in the form of compensation for loss of wages, medical and hospital expenses, and lump-sum settlements) in respect of claims reported closed during the year. The figures do not therefore necessarily represent amounts actually paid in the year under review.

**Accident factor** means 'that underlying agency, other than human failing, which appears to contribute most materially to an accident and which would be most likely to receive attention in preventing the occurrence of a similar accident'.

**Site of injury** descriptions as shown in Table 3 on page 10 and Table 5 on page 14 are, in most cases, in an abbreviated form. A more detailed description of site of injury is given below:

Head, excluding eyes  
 Eye(s)  
 Neck, including vertebral column  
 Trunk, excluding shoulder and vertebral column  
 Arm, including shoulder and wrist  
 Hand, including finger(s) but excluding wrist  
 Leg, including hip and ankle  
 Foot, including toe(s)  
 Site unspecified  
 Miscellaneous reactions.

**Industry.** The industry classification used throughout this bulletin is the 'Australian Standard Industrial Classification' (ASIC), described in the publication 'Australian Standard Industrial Classification' 1978 Edition, Volume 1, issued by the Australian Statistician, Canberra. This classification is not directly comparable with the one used for industrial accident statistics for 1978-79 and earlier years.

## Related Publications

9. Other ABS publications which may be of interest include:



## WESTERN AUSTRALIA -

Catalogue No.

Symbols and Other Usages

Industrial Accidents (Series B) (annual)

6302.5

- nil or rounded to zero

## AUSTRALIA -

Civilian Employees (monthly)

6213.0

break in continuity of series (where drawn between two consecutive figures or columns).

10. All publications produced by the ABS are listed in **Catalogue of Publications** (1101.0) which is available free of charge from any ABS Office. Further information about Western Australian publications may be obtained from **List of Publications** (1101.5) which is available from this Office.

11. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

W. M. BARTLETT

Deputy Commonwealth Statistician  
and Government Statistician  
26 August 1982



No. 1 - NON-FATAL ACCIDENTS: INDUSTRY DIVISION, TIME LOST AND COST OF CLAIMS, 1980-81

Industry division or sub-division	Number	Per cent of total	Time lost		Cost of claims (a)	
			Total (weeks)	Average per accident (weeks)	Value \$	Average per accident \$
MALES						
Agriculture, forestry, fishing and hunting	1,170	4.2	4,597	3.9	1,495,554	1,278
Mining	2,936	10.5	10,384	3.5	3,211,501	1,094
Total	4,106	14.7	14,981	3.6	4,707,055	1,146
Manufacturing -						
Food, beverages and tobacco	1,784	6.4	5,862	3.3	1,924,922	1,079
Wood, wood products and furniture	811	2.9	3,006	3.7	1,218,103	1,502
Glass, clay and other non-metallic mineral products	1,001	3.6	3,443	3.4	1,007,321	1,006
Basic metal products	595	2.1	2,028	3.4	688,802	1,158
Fabricated metal products	2,424	8.7	5,131	2.1	1,732,796	715
Other manufacturing	3,305	11.8	9,086	2.7	2,605,705	788
Total	9,920	35.5	28,556	2.9	9,177,649	925
Electricity, gas and water	699	2.5	3,435	4.9	856,045	1,225
Construction	4,178	15.0	14,142	3.4	4,060,860	972
Wholesale and retail trade	3,097	11.1	7,738	2.5	2,368,233	765
Transport and storage	2,139	7.7	8,635	4.0	2,623,571	1,227
Finance, insurance, real estate and business services	453	1.6	1,623	3.6	564,513	1,246
Community services	1,273	4.6	4,590	3.6	1,426,940	1,121
Entertainment, recreation, restaurants, hotels and personal services	591	2.1	2,314	3.9	691,258	1,170
Other Industries	1,465	5.2	4,035	2.8	1,095,850	748
Total	13,895	49.8	46,513	3.3	13,687,270	985
TOTAL, ALL INDUSTRIES, 1980-81	27,921	100.0	90,050	3.2	27,571,974	987
1979-80 (b)	25,196	100.0	87,457	3.5	27,209,464	1,080
1978-79	33,024	100.0	102,298	3.1	28,813,173	872
1977-78	27,989	100.0	81,082	2.9	19,084,231	682
1976-77	31,428	100.0	86,750	2.8	17,618,670	561
1975-76	28,435	100.0	95,209	3.3	16,427,924	578
FEMALES						
Agriculture, forestry, fishing and hunting	107	2.9	442	4.1	72,324	676
Mining	52	1.4	190	3.7	45,890	883
Total	159	4.3	632	4.0	118,214	743
Manufacturing -						
Food, beverages and tobacco	293	7.9	1,514	5.2	447,990	1,529
Wood, wood products and furniture	21	0.6	74	3.5	19,902	948
Glass, clay and other non-metallic mineral products	14	0.4	22	1.6	18,573	1,327
Basic metal products	10	0.3	18	1.8	4,262	426
Fabricated metal products	40	1.1	218	5.5	75,688	1,892
Other manufacturing	125	3.4	637	5.1	141,160	1,129
Total	503	13.6	2,484	4.9	707,575	1,407

For footnotes, see end of table.



## No. 1 - NON-FATAL ACCIDENTS: INDUSTRY DIVISION, TIME LOST AND COST OF CLAIMS, 1980-81 (continued)

Industry division or sub-division	Number	Per cent of total	Time lost		Cost of claims (a)	
			Total (weeks)	Average per accident (weeks)	Value \$	Average per accident \$
FEMALES (continued)						
Electricity, gas and water	8	0.2	39	4.9	20,924	2,616
Construction	35	0.9	84	2.4	22,159	633
Wholesale and retail trade	661	17.9	2,672	4.0	664,453	1,005
Transport and storage	46	1.2	180	3.9	45,207	98
Finance, insurance, real estate and business services	120	3.2	268	2.2	77,486	646
Community services	1,689	45.6	6,801	4.0	1,878,223	1,112
Entertainment, recreation, restaurants, hotels and personal services	405	10.9	1,819	4.5	440,479	1,088
Other industries	74	2.0	312	4.2	79,324	1,072
Total	3,038	82.1	12,176	4.0	3,228,255	1,063
TOTAL, ALL INDUSTRIES, 1980-81	3,700	100.0	15,292	4.1	4,054,044	1,096
1979-80 (b)	3,234	100.0	12,872	4.0	3,286,719	1,016
1978-79	4,129	100.0	16,668	4.0	4,026,391	975
1977-78	3,116	100.0	11,488	3.7	2,222,225	713
1976-77	3,137	100.0	10,495	3.3	1,659,328	529
1975-76	2,767	100.0	11,669	4.2	1,654,001	598
TOTAL PERSONS						
Agriculture, forestry, fishing and hunting	1,277	4.0	5,039	3.9	1,567,878	1,228
Mining	2,988	9.4	10,574	3.5	3,257,391	1,090
Total	4,265	13.5	15,613	3.7	4,825,269	1,131
Manufacturing -						
Food, beverages and tobacco	2,077	6.6	7,376	3.6	2,372,912	1,142
Wood, wood products and furniture	832	2.6	3,080	3.7	1,238,005	1,488
Glass, clay and other non-metallic mineral products	1,015	3.2	3,465	3.4	1,025,894	1,011
Basic metal products	605	1.9	2,046	3.4	693,064	1,146
Fabricated metal products	2,464	7.8	5,349	2.2	1,808,484	734
Other manufacturing	3,430	10.8	9,724	2.8	2,746,865	801
Total	10,423	33.0	31,041	3.0	9,885,224	948
Electricity, gas and water	707	2.2	3,474	4.9	876,969	1,240
Construction	4,213	13.3	14,226	3.4	4,083,019	969
Wholesale and retail trade	3,758	11.9	10,411	2.8	3,032,686	807
Transport and storage	2,185	6.9	8,815	4.0	2,668,778	1,221
Finance, insurance, real estate and business services	573	1.8	1,891	3.3	641,999	1,120
Community services	2,962	9.4	11,391	3.8	3,305,163	1,116
Entertainment, recreation, restaurants, hotels and personal services	996	3.1	4,133	4.1	1,131,737	1,136
Other industries	1,539	4.9	4,347	2.8	1,175,174	764
Total	16,933	53.5	58,689	3.5	16,915,525	999
TOTAL, ALL INDUSTRIES, 1980-81	31,621	100.0	105,342	3.3	31,626,018	1,000
1979-80 (b)	28,430	100.0	100,329	3.5	30,496,183	1,073
1978-79	37,153	100.0	118,966	3.2	32,839,564	884
1977-78	31,105	100.0	92,570	3.0	21,306,456	685
1976-77	34,565	100.0	97,246	2.8	19,277,998	558
1975-76	31,202	100.0	106,877	3.4	18,081,925	580

(a) Principally compensation for loss of wages, medical and hospital expenses, and lump-sum settlements. (b) See Special Note on page 4.



TIME LOST: ONE DAY OR MORE

## No. 2 - NON-FATAL ACCIDENTS: INDUSTRY DIVISION AND ACCIDENT FACTOR (a), 1980-81

Industry division or sub-division (b)	Machinery	Vehicles	Electricity, explosions, etc.	Harmful substances	Falling, slipping, stumbling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspecified	Total
MALES										
Agriculture, forestry, etc.	119	108	24	16	174	43	370	123	193	1,170
Mining	58	160	51	50	658	152	1,309	220	278	2,936
Total	177	268	75	66	832	195	1,679	343	471	4,106
Manufacturing -										
Food, beverages and tobacco	62	29	87	21	248	86	679	457	115	1,784
Wood, wood products, etc.	110	17	4	5	84	25	399	114	53	811
Glass, clay, etc.	37	27	13	5	212	53	537	61	56	1,001
Basic metal products	49	17	28	21	96	19	241	89	35	595
Fabricated metal products	202	26	55	39	260	75	1,027	583	157	2,424
Other manufacturing	265	76	70	66	453	169	1,371	566	269	3,305
Total	725	192	257	157	1,353	427	4,254	1,870	685	9,920
Electricity, gas and water	9	20	22	9	147	49	373	28	42	699
Construction	98	163	77	91	818	241	1,801	556	333	4,178
Wholesale and retail trade	145	183	88	52	439	103	1,451	470	166	3,097
Transport and storage	29	175	13	22	593	147	878	80	202	2,139
Finance, insurance, etc.	16	17	9	13	97	24	179	61	37	453
Community services	17	31	32	24	292	71	597	76	133	1,273
Entertainment, recreation, etc.	9	12	28	13	134	29	193	61	112	591
Other industries	3	147	8	23	349	58	638	104	135	1,465
Total	326	748	277	247	2,869	722	6,110	1,436	1,160	13,895
GRAND TOTAL -										
Number	1,228	1,208	609	470	5,054	1,344	12,043	3,649	2,316	27,921
Per cent of total	4.4	4.3	2.2	1.7	18.1	4.8	43.1	13.1	8.3	100.0

For footnotes, see end of table.



No. 2 - NON-FATAL ACCIDENTS: INDUSTRY DIVISION AND ACCIDENT FACTOR (a), 1980-81 (continued)

Industry division or sub-division (b)	Machinery	Vehicles	Electricity, explosions, etc.	Harmful substances	Falling, slipping, stumbling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspecified	Total
FEMALES										
Agriculture, forestry, etc.	6	5	2	1	19	2	30	8	34	107
Mining	-	5	3	2	6	2	23	1	10	52
Total	6	10	5	3	25	4	53	9	44	159
Manufacturing -										
Food, beverages and tobacco	18	8	19	1	63	8	131	34	11	293
Wood, wood products, etc.	-	1	-	-	3	-	11	5	1	21
Glass, clay, etc.	3	-	1	1	1	-	6	1	1	14
Basic metal products	-	-	-	-	2	1	6	1	-	10
Fabricated metal products	5	1	1	-	6	2	17	6	2	40
Other manufacturing	15	6	3	1	20	8	54	14	4	125
Total	41	16	24	3	95	19	225	61	19	503
Electricity, gas and water	-	-	-	-	4	-	3	-	1	8
Construction	1	1	-	-	11	8	10	1	3	35
Wholesale and retail trade	24	25	25	7	163	43	298	44	32	661
Transport and storage	-	5	-	-	15	9	11	-	6	46
Finance, insurance, etc.	1	5	4	1	44	10	48	3	4	120
Community services	6	24	59	19	501	121	784	34	141	1,689
Entertainment, recreation, etc.	11	8	23	2	104	16	164	33	44	405
Other industries	-	7	-	1	26	8	26	3	3	74
Total	43	75	111	30	868	215	1,344	118	234	3,038
GRAND TOTAL -										
Number	90	101	140	36	988	238	1,622	188	297	3,700
Per cent of total	2.4	2.7	3.8	1.0	26.7	6.4	43.8	5.1	8.0	100.0

(a) For a more detailed classification of Accident Factor, see Table 8 on pages 16-19. (b) For a more detailed description of the Industry Divisions and Sub-divisions listed, see Table 1.



TIME LOST: ONE DAY OR MORE

## No. 3 - NON-FATAL ACCIDENTS: INDUSTRY DIVISION AND SITE OF INJURY (a), 1980-81

Industry division or sub-division (b)	Head	Eye	Neck	Trunk	Arm	Hand	Leg	Foot	Site un- specified	Miscel- laneous	Total
MALES											
Agriculture, forestry, fishing and hunting	51	76	11	262	168	259	215	85	26	17	1,170
Mining	83	305	62	886	298	520	450	191	108	33	2,936
Total	134	381	73	1,148	466	779	665	276	134	50	4,106
Manufacturing -											
Food, beverages and tobacco	34	64	25	367	242	731	152	128	33	8	1,784
Wood, wood products and furniture	24	73	12	173	70	292	87	67	10	3	811
Glass, clay and other non-metallic mineral, etc.	33	109	12	258	144	210	162	60	7	6	1,001
Basic metal products	18	104	14	164	65	91	89	34	5	11	595
Fabricated metal products	63	609	33	504	196	569	246	175	15	14	2,424
Other manufacturing	99	666	44	787	281	729	399	232	43	25	3,305
Total	271	1,625	140	2,253	998	2,622	1,135	696	113	67	9,920
Electricity, gas and water	15	60	18	264	57	91	105	33	47	9	699
Construction	131	564	70	1,125	402	759	682	316	80	49	4,178
Wholesale and retail trade	69	352	71	847	332	769	376	231	21	29	3,097
Transport and storage	54	159	61	699	261	293	406	148	37	21	2,139
Finance, insurance, real estate and business services	25	59	9	119	46	76	69	36	5	9	453
Community services	41	81	28	431	157	201	206	72	47	9	1,273
Entertainment, recreation, restaurants, hotels, etc.	17	24	7	169	70	131	112	34	20	7	591
Other industries	37	134	31	467	147	199	280	88	43	39	1,465
Total	389	1,433	295	4,121	1,472	2,519	2,236	958	300	172	13,895
GRAND TOTAL -											
Number	794	3,439	508	7,522	2,936	5,920	4,036	1,930	547	289	27,921
Per cent of total	2.8	12.3	1.8	26.9	10.5	21.2	14.5	6.9	2.0	1.0	100.0

For footnotes, see end of table.



No. 3 - NON-FATAL ACCIDENTS: INDUSTRY DIVISION AND SITE OF INJURY (a), 1980-81 (continued)

Industry division or sub-division (b)	Head	Eye	Neck	Trunk	Arm	Hand	Leg	Foot	Site un- specified	Miscel- laneous	Total
FEMALES											
Agriculture, forestry, fishing and hunting	9	6	4	22	21	17	13	10	3	2	107
Mining	2	3	-	15	6	10	8	2	4	2	52
Total	11	9	4	37	27	27	21	12	7	4	159
Manufacturing -											
Food, beverages and tobacco	7	3	6	75	62	83	40	16	1	-	293
Wood, wood products and furniture	-	-	1	5	4	9	1	1	-	-	21
Glass, clay and other non-metallic mineral, etc.	1	-	1	2	2	5	2	-	-	1	14
Basic metal products	1	-	-	4	1	3	1	-	-	-	10
Fabricated metal products	1	4	1	10	1	16	4	3	-	-	40
Other manufacturing	5	6	8	32	20	33	15	5	1	-	125
Total	15	13	17	128	90	149	63	25	2	1	503
Electricity, gas and water	1	-	1	2	3	-	1	-	-	-	8
Construction	-	1	2	9	6	7	7	3	-	-	35
Wholesale and retail trade	22	19	27	216	69	127	113	51	12	5	661
Transport and storage	1	-	3	12	7	5	14	2	1	1	46
Finance, insurance, real estate and business services	6	4	7	33	14	15	29	11	-	1	120
Community services	60	33	62	692	239	181	264	68	79	11	1,689
Entertainment, recreation, restaurants, hotels, etc.	21	10	14	127	52	91	57	25	6	2	405
Other industries	2	3	2	27	9	4	17	4	4	2	74
Total	113	70	118	1,118	399	430	502	164	102	22	3,038
GRAND TOTAL -											
Number	139	92	139	1,283	516	606	586	201	111	27	3,700
Per cent of total	3.8	2.5	3.8	34.7	13.9	16.4	15.8	5.4	3.0	0.7	100.0

(a) For a more detailed description of Site of Injury, see page 4. (b) For a more detailed description of the Industry Divisions and Sub-divisions listed, see Table 1.



## No. 4 - NON-FATAL ACCIDENTS: INDUSTRY DIVISION AND NATURE OF INJURY, 1980-81

Industry division or sub-division (a)	Contusion, bruising, and superficial	Lacer- ations	Foreign bodies	Burns and scalds	Fractures	Dis- locations	Sprains, strains, hernias	Amputa- tions	Con- cussion	Other	Total
MALES											
Agriculture, forestry, fishing and hunting	208	303	49	42	103	3	370	7	16	69	1,170
Mining	593	333	224	93	169	13	1,093	15	9	394	2,936
Total	801	636	273	135	272	16	1,463	22	25	463	4,106
Manufacturing -											
Food, beverages and tobacco	291	629	47	102	51	8	569	16	4	67	1,784
Wood, wood products and furniture	177	223	60	11	42	3	244	17	2	32	811
Glass, clay and other non-metallic mineral, etc.	211	180	86	30	62	-	383	3	3	43	1,001
Basic metal products	102	61	79	46	39	3	231	3	1	30	595
Fabricated metal products	434	425	428	250	118	6	685	5	6	67	2,424
Other manufacturing	621	523	485	252	152	8	1,111	17	15	121	3,305
Total	1,836	2,041	1,185	691	464	28	3,223	61	31	360	9,920
Electricity, gas and water	115	48	46	20	44	6	283	-	2	135	699
Construction	820	687	426	191	249	12	1,528	9	22	234	4,178
Wholesale and retail trade	566	658	274	149	172	14	1,148	11	11	94	3,097
Transport and storage	481	214	132	30	144	5	999	5	7	122	2,139
Finance, insurance, real estate and business services	91	60	44	33	34	5	158	1	6	21	453
Community services	225	126	48	50	75	7	583	3	8	148	1,273
Entertainment, recreation, restaurants, hotels, etc.	100	111	16	38	48	6	228	4	7	33	591
Other Industries	303	165	95	24	61	1	681	1	4	130	1,465
Total	2,701	2,069	1,081	535	827	56	5,608	34	67	917	13,895
GRAND TOTAL -											
Number	5,338	4,746	2,539	1,361	1,563	100	10,294	117	123	1,740	27,921
Per cent of total	19.1	17.0	9.1	4.9	5.6	0.4	36.9	0.4	0.4	6.2	100.0

For footnotes, see end of table.



No. 4 - NON-FATAL ACCIDENTS: INDUSTRY DIVISION AND NATURE OF INJURY, 1980-81 (continued)

Industry division or sub-division (a)	Contusion, bruising, and superficial	Lacer- ations	Foreign bodies	Burns and scalds	Fractures	Dis- locations	Sprains, strains, hernias	Amputa- tions	Con- cussion	Other	Total
FEMALES											
Agriculture, forestry, fishing and hunting	25	18	5	2	6	3	36	2	2	8	107
Mining	11	4	1	4	1	-	21	-	-	10	52
Total	36	22	6	6	7	3	57	2	2	18	159
Manufacturing -											
Food, beverages and tobacco	69	66	3	18	7	1	118	3	-	8	293
Wood, wood products and furniture	4	6	-	-	-	-	10	-	-	1	21
Glass, clay and other non-metallic mineral, etc.	3	3	-	1	-	-	5	1	-	1	14
Basic metal products	3	-	-	-	-	-	7	-	-	-	10
Fabricated metal products	14	8	4	1	2	1	9	1	-	-	40
Other manufacturing	20	34	4	5	6	1	53	1	-	1	125
Total	113	117	11	25	15	3	202	6	-	11	503
Electricity, gas and water	2	-	-	-	-	-	4	-	-	2	8
Construction	9	4	1	1	2	-	15	1	-	2	35
Wholesale and retail trade	140	108	11	23	25	6	303	-	9	36	661
Transport and storage	8	8	-	1	1	-	26	-	-	2	46
Finance, insurance, real estate and business services	36	14	2	6	5	-	53	-	1	3	120
Community services	326	109	11	63	63	15	860	3	17	222	1,689
Entertainment, recreation, restaurants, hotels, etc.	67	79	4	23	24	4	182	2	4	16	405
Other Industries	17	4	2	-	4	-	35	-	1	11	74
Total	605	326	31	117	124	25	1,478	6	32	294	3,038
GRAND TOTAL -											
Number	754	465	48	148	146	31	1,737	14	34	323	3,700
Per cent of total	20.4	12.6	1.3	4.0	3.9	0.8	46.9	0.4	0.9	8.7	100.0

(a) For a more detailed description of the Industry Divisions and Sub-divisions listed, see Table 1.



## No. 5 - NON-FATAL ACCIDENTS: SITE OF INJURY AND ACCIDENT FACTOR (a), 1980-81

Site of injury (b)	Machin- ery	Vehicles	Elec- tricity, explo- sions, etc.	Harmful sub- stances	Falling, slipping, stumbling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspeci- fied	Total acci- dents	Average time lost (weeks)
MALES											
Head	29	64	46	19	96	126	261	75	78	794	2.2
Eye	325	46	66	215	9	20	405	1,207	1,146	3,439	0.8
Neck	4	76	1	3	74	41	257	20	32	508	4.9
Trunk	39	269	20	13	1,412	155	5,270	128	216	7,522	4.7
Arm	113	158	77	24	624	229	1,330	234	147	2,936	3.8
Hand	645	165	157	40	304	236	2,501	1,654	218	5,920	2.3
Leg	39	228	86	20	2,068	340	922	173	160	4,036	3.8
Foot	30	123	106	18	344	176	939	120	74	1,930	2.7
Site unspecified	4	76	35	15	121	21	151	27	97	547	5.3
Miscellaneous reactions	-	3	15	103	2	-	7	11	148	289	1.2
Total	1,228	1,208	609	470	5,054	1,344	12,043	3,649	2,316	27,921	-
Average time lost (weeks)	2.8	5.0	2.4	1.6	4.4	2.7	3.5	1.6	2.0	-	3.2
FEMALES											
Head	3	8	7	5	39	34	20	-	23	139	3.4
Eye	2	-	6	18	2	5	19	9	31	92	0.6
Neck	-	26	1	-	19	8	68	-	17	139	5.7
Trunk	-	13	1	-	282	24	919	3	41	1,283	5.1
Arm	9	4	32	4	145	40	216	18	48	516	4.4
Hand	72	11	51	2	31	38	207	152	42	606	2.5
Leg	3	16	14	1	365	59	85	2	41	586	4.6
Foot	1	6	17	-	49	26	77	3	22	201	2.0
Site unspecified	-	15	8	-	56	4	11	1	16	111	4.2
Miscellaneous reactions	-	2	3	6	-	-	-	-	16	27	0.8
Total	90	101	140	36	988	238	1,622	188	297	3,700	-
Average time lost (weeks)	3.3	7.9	2.0	5.2	5.5	2.2	3.9	3.4	2.9	-	4.1

(a) For a more detailed classification of Accident Factor, see Table 8. (b) For a more detailed description of Site of Injury, see page 4.



No. 6 - NON-FATAL ACCIDENTS: NATURE OF INJURY AND ACCIDENT FACTOR (a), 1980-81

Nature of Injury	Machin- ery	Vehicles	Elec- tricity, explo- sions, etc.	Harmful sub- stances	Falling, slipping, stumbling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspeci- fied	Total acci- dents	Average time lost (weeks)
MALES											
Contusion (b)	241	353	5	33	1,263	557	2,107	474	305	5,338	2.2
Lacerations	462	147	13	10	306	427	1,805	1,438	138	4,746	2.0
Foreign bodies	306	40	18	112	2	4	267	716	1,074	2,539	0.7
Burns and scalds	14	11	509	160	10	7	21	597	32	1,361	1.5
Fractures	77	136	6	3	454	62	627	100	98	1,563	7.3
Dislocations	2	6	1	-	38	3	35	4	11	100	5.3
Sprains (c)	53	357	5	7	2,660	189	6,554	192	277	10,294	4.4
Amputations	39	11	-	-	4	2	33	24	4	117	7.3
Concussion	3	15	-	4	31	23	28	4	15	123	2.6
Enucleation	-	-	-	-	-	-	-	-	-	-	-
Internal Injury	-	-	1	3	4	-	5	1	3	17	4.4
Nerve Injury	1	2	-	-	7	4	12	4	3	33	15.8
Other (d)	30	130	51	138	275	66	549	95	356	1,690	3.7
Total	1,228	1,208	609	470	5,054	1,344	12,043	3,649	2,316	27,921	3.2
FEMALES											
Contusion (b)	22	31	3	3	312	109	192	5	77	754	3.0
Lacerations	51	3	2	-	31	43	148	154	33	465	2.6
Foreign bodies	1	-	1	7	-	-	5	7	27	48	0.6
Burns and scalds	-	-	121	11	5	5	-	4	2	148	1.9
Fractures	3	10	1	-	80	11	22	1	18	146	9.1
Dislocations	-	4	1	1	13	2	6	-	4	31	20.3
Sprains (c)	1	32	-	2	436	34	1,146	13	73	1,737	4.7
Amputations	11	-	-	-	1	1	-	-	1	14	13.4
Concussion	-	3	-	-	15	9	3	-	4	34	1.0
Enucleation	-	-	-	-	-	-	-	-	-	-	-
Internal Injury	-	-	-	-	-	-	1	-	-	1	0.8
Nerve Injury	-	-	-	-	4	2	2	-	3	11	15.3
Other (d)	1	18	11	12	91	22	97	4	55	311	3.3
Total	90	101	140	36	988	238	1,622	188	297	3,700	4.1

(a) For a more detailed classification of Accident Factor, see Table 8. (b) Includes bruising and superficial injury. (c) Includes strains and hernias. (d) Includes 'unspecified'.



## No. 7 - NON-FATAL ACCIDENTS: AGE GROUP AND ACCIDENT FACTOR (a), 1980-81

Age group (years)	Machin- ery	Vehicles	Elec- tricity, explosions, etc.	Harmful sub- stances	Falling, slipping, stumbling, etc.	Striking against, stepping on, etc.	Handling, moving or falling objects	Hand tools	Other and unspeci- fied	Total
MALES										
Under 20	296	169	126	92	555	204	1,801	887	314	4,444
20 - 29	420	425	224	148	1,571	416	4,007	1,402	823	9,436
30 - 39	247	283	120	105	1,206	294	2,650	707	510	6,122
40 - 49	146	173	74	58	824	208	1,726	339	329	3,877
50 - 59	91	121	46	44	683	162	1,418	204	251	3,020
60 and over	16	20	11	7	130	44	271	33	36	568
Age not stated	12	17	8	16	85	16	170	77	53	454
Total	1,228	1,208	609	470	5,054	1,344	12,043	3,649	2,316	27,921
FEMALES										
Under 20	23	18	30	7	119	32	257	57	52	595
20 - 29	26	28	43	12	209	59	439	47	89	952
30 - 39	10	25	31	5	210	45	341	34	60	761
40 - 49	26	16	18	8	215	48	377	31	53	792
50 - 59	5	11	16	2	204	43	175	16	32	504
60 and over	-	2	1	-	21	7	15	1	8	55
Age not stated	-	1	1	2	10	4	18	2	3	41
Total	90	101	140	36	988	238	1,622	188	297	3,700

(a) For a more detailed classification of Accident Factor, see Table 8.

## No. 8 - NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT FACTOR AND TIME LOST, 1980-81

Accident factor	Males		Females	
	Number	Time lost weeks	Number	Time lost weeks
Machinery				
Engines and prime movers	7	8.8	-	-
Pumps (including windmills)	3	16.2	-	-
Ropes, belts, pulleys, etc.	53	205.0	1	1.6
Shafting	1	2.0	-	-
Gears	7	33.8	-	-
Hoists, cranes, winches, etc.	38	102.4	-	-
Portable lifting appliances	39	94.4	-	-
Lifts	6	31.2	1	0.2
Conveyors	25	114.2	4	8.0
Abrasive, polishing, etc.	317	325.2	2	4.6
Agitators and mixers	2	2.0	1	1.6
Casting, forging, welding	9	14.6	-	-
Crushers, grinding mills, etc.	18	121.4	-	-
Drilling, boring, turning (metal)	58	89.0	3	19.2
" " " (other)	19	61.0	-	-
Milling machines (metal)	5	8.0	1	0.2
Planers and shapers (wood)	19	55.0	-	-
" " " (other)	4	16.6	-	-
Packing and wrapping	1	0.2	-	-
Opening, picking, combing, carding	2	8.6	-	-



## No. 8 - NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT FACTOR AND TIME LOST, 1980-81 (continued)

Accident factor	Males		Females	
	Number	Time lost weeks	Number	Time lost weeks
<b>Machinery (continued)</b>				
Presses and punches (metal)	46	141.0	-	-
" (printing)	5	9.0	2	4.4
" (other)	16	150.0	2	39.2
Rolls (printing, metal, gluing, etc.)	24	208.8	3	4.2
Saws (wood)	69	303.4	-	-
" (metal)	26	29.2	1	1.0
" (other)	27	122.4	1	18.8
Screening and separating	1	1.6	-	-
Sewing and stitching	3	4.0	9	11.8
Shears (metal)	23	39.6	-	-
" (paper)	5	4.0	1	2.4
" (other - except food and sheep shears)	13	23.8	-	-
Rotary cutters (except food)	8	9.8	-	-
Cutters, food	35	89.6	21	63.8
Spinning, weaving, knitting	4	4.4	2	1.4
Centrifuges	1	0.8	-	-
Other industrial machines (fixed)	194	573.6	34	117.0
Milking, shearing, cream separators	54	210.4	-	-
Farm implements (not tractors)	23	154.0	1	0.8
Other farm equipment (fixed)	4	12.2	-	-
Other machinery	14	29.8	-	-
Total	1,228	3,431.0	90	300.2
<b>Vehicles</b>				
Motor vehicles	668	3,713.0	91	698.2
Railway locomotives, trucks and cars	88	255.0	1	2.6
Mine, quarry and other vehicles on rails	33	100.0	2	6.2
Bicycles	15	46.6	-	-
Aircraft	2	11.6	-	-
Water transport	2	27.0	-	-
Animal-drawn vehicles	1	0.4	-	-
Mobile machinery -				
Mobile cranes and hoists	31	171.2	-	-
Fork-lift trucks	112	799.4	3	10.0
Tractors	39	52.2	2	1.4
Bulldozers, mechanical shovels, rollers, etc.	128	454.2	-	-
Other mobile machinery	64	294.2	1	68.4
Other vehicles	25	92.0	1	12.6
Total	1,208	6,016.8	101	799.4
<b>Electricity, explosions, flames, hot substances</b>				
Electricity -				
Cables and flexibles, portable machines, etc.	14	32.2	4	2.4
Switch and fuse gear	17	57.4	1	27.4
Electric supply wiring	21	204.8	1	0.6
Other electricity	13	14.8	8	28.0
Explosions -				
Blasting (mines and quarries)	5	9.8	-	-
Boilers and pressure vessels	19	59.0	1	0.2
Gas (household and industrial)	7	26.4	2	1.6
Other explosions (including weapons)	47	207.6	6	34.2
Flames and hot substances or objects	466	873.6	117	190.2
Total	609	1,485.6	140	284.6



## No. 8 - NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT FACTOR AND TIME LOST, 1980-81 (continued)

Accident factor	Males		Females	
	Number	Time lost weeks	Number	Time lost weeks
Harmful substances				
Solids, powders	74	96.8	1	0.4
Gas and aerosols	125	175.4	12	169.6
Liquids	271	467.6	23	18.4
Total	470	739.8	36	188.4
Falling, slipping, stumbling, etc.				
Falling from -				
Ladders	316	1,509.0	21	85.4
Poles	7	81.2	-	-
Roofs	79	1,189.4	1	7.8
Scaffolding	133	814.4	-	-
Stairs or steps	372	1,103.6	153	519.2
Top or tray of vehicles	357	1,801.4	12	23.4
Other elevation	422	2,118.4	48	505.4
Falling into excavations	94	568.2	7	6.6
Jumping or stepping down	465	1,596.6	14	94.0
On same level -				
Slipping	1,900	8,038.0	542	3,090.2
Stumbling	721	2,497.0	150	743.8
Other and unspecified	188	714.0	40	320.4
Total	5,054	22,031.2	988	5,396.2
Striking against, stepping on, etc.				
Stepping on sharp objects	132	158.8	5	4.8
Striking against fixed or stationary objects	1,212	3,471.4	233	519.8
Total	1,344	3,630.2	238	524.6
Handling, moving or falling objects				
Strain in handling	6,232	25,274.4	1,160	5,030.6
Over-exertion	355	2,654.2	46	183.4
Struck by -				
Trees, limbs, logs	119	502.6	1	3.2
Poles	37	178.8	-	-
Other timber	308	819.0	5	7.4
Drums and barrels	85	249.8	1	2.4
Boxes, crates, cartons	183	636.0	20	43.4
Bricks and tiles	167	293.4	-	-
Earth, rock, sand	180	698.6	-	-
Hand trucks, barrows, etc.	91	176.2	17	72.0
Other objects	3,125	8,808.2	252	715.2
Handling sharp objects -				
Metal	515	884.0	28	86.0
Glass	156	275.0	33	66.2
Other sharp objects	205	327.4	27	37.4
Other	285	456.2	32	34.6
Total	12,043	42,233.8	1,622	6,281.8
Hand tools				
Hand operated -				
Axes, hatchets	30	117.4	1	2.0
Blow torches	2	1.2	-	-



## No. 8 - NON-FATAL ACCIDENTS: INDIVIDUAL ACCIDENT FACTOR AND TIME LOST, 1980-81 (continued)

Accident factor	Males		Females	
	Number	Time lost weeks	Number	Time lost weeks
Hand tools (continued) -				
Hand operated (continued) -				
Can openers	5	5.8	-	-
Cleavers, choppers	11	17.8	1	0.2
Chisels	44	41.8	-	-
Crowbars, pinchbars	55	141.6	-	-
Files	11	12.2	-	-
Hammers, mallets	388	742.4	2	1.0
Hooks	22	16.2	1	1.2
Knives	766	1,290.2	121	415.6
Needles	7	7.2	4	3.4
Pens and pencils	-	-	-	-
Picks, pickaxes, hoes	6	7.2	-	-
Pliers, pincers, tongs	9	11.8	-	-
Saws	71	198.6	1	2.0
Scissors and shears	17	23.8	11	5.6
Screwdrivers	44	56.0	-	-
Shovels and spades	48	116.0	1	0.6
Spanners, wrenches	148	341.4	2	2.6
Other	126	282.6	12	122.4
Power operated -				
Abrasive, sanding, polishing, etc.	398	393.2	8	15.8
Chisels	5	6.8	-	-
Drills, jack-hammers, etc.	300	559.6	3	2.0
Knives	8	10.4	7	24.8
Riveters	6	5.2	1	0.4
Saws	147	507.2	1	1.6
Screwdrivers	5	6.8	-	-
Soldering irons	1	0.4	-	-
Explosive-powered fasteners	17	22.2	3	22.6
Electric welders	663	450.0	2	1.8
Oxy torches	187	191.2	-	-
Other	102	292.6	6	21.4
Total	3,649	5,876.8	188	647.0
Miscellaneous				
Animals and insects	392	1,339.2	66	240.8
Physical causes -				
Cold	3	7.2	-	-
Compressed air	9	33.4	1	5.4
Exposure (to rain, wind, etc.)	1	0.4	-	-
Heat (furnaces, weather, etc.)	13	10.6	1	0.8
Immersion	1	2.2	-	-
Radiation (not burns from)	1	0.8	-	-
Vibration	13	66.0	-	-
Other physical causes	87	257.0	5	5.8
Pressure vessels	19	28.0	1	0.8
Other -				
Doors, windows, gates, etc.	119	240.4	32	66.8
Flying particles	1,014	875.6	23	18.0
Other and unspecified	644	1,743.6	168	531.8
Total	2,316	4,604.4	297	870.2
GRAND TOTAL	27,921	90,049.6	3,700	15,292.4



## No. 9 - NON-FATAL ACCIDENTS: DURATION OF TIME LOST, 1980-81

Duration of time lost	Males		Females		Persons			
	Number	Time lost (weeks)	Number	Time lost (weeks)	Number	Time lost		% of total
						Weeks		
1 day but under 1 week	12,778	6,114	1,572	769	14,350	6,884		7.0
1 week but under 2 weeks	7,035	9,067	965	1,228	8,000	10,295		10.4
2 weeks but under 4 weeks	3,923	10,467	543	1,416	4,466	11,883		12.0
4 weeks but under 6 weeks	1,466	6,962	177	842	1,643	7,804		7.9
6 weeks but under 8 weeks	821	5,530	103	699	924	6,229		6.3
8 weeks but under 13 weeks	844	8,271	133	1,334	977	9,605		9.7
13 weeks but under 26 weeks	604	10,611	91	1,586	695	12,197		12.3
26 weeks but under 52 weeks	257	9,290	70	2,519	327	11,809		12.0
52 weeks but under 104 weeks	145	10,329	33	2,414	178	12,743		12.9
104 weeks but under 156 weeks	31	3,934	9	1,155	40	5,089		5.2
156 weeks and more	17	3,576	4	687	21	4,263		4.3
<b>Total</b>	<b>27,921</b>	<b>84,151</b>	<b>3,700</b>	<b>14,649</b>	<b>31,621</b>	<b>98,801</b>		<b>100.0</b>







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